

SUBSTITUTE ABSTRACT

B3 A microporous polyolefin membrane is formed by fine fibrils, comprising (A) a polyolefin having a weight-average molecular weight of 5×10^5 or more or (B) a composition containing component (A), connected to each other, and has micropores of 0.05 to $5 \mu\text{m}$ in average pore size and crystal lamellas of component (A) or (B) being in a specific orientation state. The membrane is produced by extruding a solution of component (A) or (B) in a solvent, into a gel-like formed article; thermally setting the article, with or without stretching, at least at the crystal dispersion temperature of component (A) or (B), but at melting point of component (A) or (B) plus 30°C or lower; and removing the solvent.
